Submitted to the examination of Nev. S. Endrews D. D. Provost hustres and Medical Proffessors Doctor of Medicine. march 5th 1813



To give a complete history of the subject under present consideration. from remote antiquity doson to the present date, including the different aronous opinions entertained by the antients respecting the sent of this disorder, would be equally traines as unimportant. I shall therefore proceed to treat of it agreeably to the received ofinion which is now maintained of its existence By the time Cataract, then, we mean an opacity either of the cystalline lens or its capsule, whereby the transmission of light to the focus of vission is obstructed. The causes to which it has been ascribed are numerous, but obscur as it sometimes occurs without any apparent cause, and is sometimes produced by external violence, unitations applied to the globe of the eye on. It is said to occur most frequent

in persons whose occupations necessarily expose them to an finteure degree of heat as black muths those engaged in place manufactories & those above the age of forty are more bable to its attack atther no age is exempt and it is not unfrequently confinial. The symptoms which indicate its approach are a dimnels of vission exhibiting objects to the patient similar to viewing them through a mist, or to the appearance of sause between the object and eye rendering minute objects confused, the appearance of mosts coleveles hairs threads or are presented to the eyes, a speck is frequently to be preceive. cal behind the pupil, which gradually increases and progressively diminishes the perfection of vission; during the progress of these symptoms objects will be perceived

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perceived more distinctly in a moderate than a strong light owing to the dilitation of the pupil by the abstraction of this stimulus. The remedies which have been recommended for the removal of this distressing affection are numerous but regrett to say they have all as yet proved ineffectual in the accomplishment of the hurbose for which they were prescribed. The external remedies that have been employed are scarifications, cupping, leeches, caustics, issues, setons in the internal are Catharties, Emetics, Enhines, Herbane, Hemlock, and mercury the last of which has, after a long continued use Succeeded in a few instances. M. wace recommends the application of one or two drops of attree to the eye twice in 24 hours and sulling the superior torses over the

eye with your finger previously immersed in a mercural or volatile liniment. To the approbria of all these powerful medicines honever the apacity most frequently increases under their administration, and we are finally obliged to usout to a chi ungical operation for the purpose of removing the lens from the axis of sission There are two operations that have been generally employed for its accomplishment. The first and most ancient of which is couching, and consists in defrets of the lens thro a semisection of the cornea effected by instruments hereafter to be described. I might here enumerate 一年一年 3 00

the 'concer admintiger and are lain as 's -col to couch of there is not in my their respect time advocates int us the time install or the compation or her pay I conting is a all I were trusted to the a the contained of the different morning operating. and first of conching to rejume these a writion it seels in he dan it to property a mater some righther in a mite. lengthe graduation before , and the sent to the invite premiet fint wien apien lete deiler our the think of wear me oughth of me with from its went with a handle made of lytel mound of in delaganai form with an inchest fried whom appointe with to designate its exact resition behind the impil a fundar reeder to this is been recome



Mi Hay allows prager et à little ouwed at its joint. It is recommended in same see grows that the intent he dealed upon a chair with a right , we, rendicular hack, this however appears to be of me nor importance, over , impose may be better a complished by an assistant Supporting the frateents head wind his heart. In some cases where the eye is Small and dufly realed in its arbit, and while all cases the speculin aculi will facilitate this operation. The patient being deated whom a row chair apposite a window in Luch a manner that the light may fall laterally whom the we and the sound eye being covered which is conveniently done by a band passing sounce the head over the forehead have



two depending pieces attached to it who Lite with eye. The surgeon is then to be Leated afrom a cha . Some find higher than the palient: and in sive is fine a reach degree of steadings to his hand is adversed to place it . .. in some clim teel to a hisperting a colling placed inven his fact. Before introducing the certific plateent to deceled to him the got to be intermed contlines in instrument is the. to in consisted into the ocheatic court one sixth of un each some the rema, when I one were weare the leases and or were of the in in, and carried returner the sew and was the a section in handle and we wing the court of the needle down that and each wards to easily in always the wall or and



The window homeson.

Enjoyment is surprising

". I obreation of extraction it will be me enjour to an jour well with the rolling instruments. First a Corner word more with the windlown on Dawn iterized eto dia u a simular to a common lan cet increasing gradiency in whallh is the front to the handle where it should be outting wider than the simulametre af the corner was a needle a little curved it its point with which the capsure of the entaining lens may be tour third a little scoop at gold or silver for the purpose at removing small fragments. Fourth a small hook to be peped through the fruit and fixed in the hady



of the cens for the purpose of extracting et. Fifth in Small forceps.

The palunt and the surpeon being dealer as in the operation for Couching the assistant who suffered the patients head is to cause the upper eyeled and to fold the Skin whom the escaperations with the tand is should in paid sed formely against the founded mayon of the oracl, the origina peda doron the lower exited and will intel the je w stendy to there offices the prosect is the house to the arran one light with puncture in to the made, the house is the to be insided wirow the ... and becausel at the apposite



It by the weape of the agreeous humour or any other cause, the ins should come forward to as to endurger to veing cut . it man be made to usede my gently subbing the corner with the found. of the finger. Have a divided the corner the clas should be lived and the patient de found le minin with the specialises, the low structed be quelly caised and the while entoun coll into the one jos the purhass of lacerating the calonde. The weekle being afor charles the ene is I comain and for a feel must who that the will may de



where welling for a short time the age is a justile and the district and find went with the searly: if the new dows not in the the leave notice the week is not the constituted to mine ately staded and notes in feel min in the thate of the pupie if ! ! suite see; if retherente the among will still be prospetion in the public The durieun Shaulie then present to in tract the fur musto with the direct. those that are consciould may be brought noto view ey subling the



Junger over the eye. vonutiones the uns cannot we extracted extres by hustine on the book, owing to address existry between the is wice of the und and the wis; there a trusiand may be destroyed in the noise issision is are extremely mil a mating The objects inscrited to the justient after the aperation for the the from pase of invertamen whether. Light we restoud showed not be in bulliant on commender. The day to The ye remain afren earl. after the aperition is completed a soft dry eag w to an applicat to the and the depending frice of the circular bandage is to be let down over the eye and are this a bandage should be carried in



the head. The patient is then to be but to bed and lie on his back, all light should be excluded the apartment; he should live when a regitable diet, and may drink out of a teapor thereby about ting the necessity of raising his head; his hands should be seemed in such a manner as to prevent his subbing the eye while asleet. The drepings should be renewed every day in order to obvi ate the initation that might auxe from the excidation absorbed by the drepings becoming dry. In changing the dressings we should be careful that nothing prevent the divided edges of the comes from coming in contact. The under eyelier should always he fulled down, as this sometimes get

ento the wound and thereby retards the cure. In a fortnight or three weeks the aresings may be omitted.

